

DCAS Information Assurance Support
MDA220-03-T-0015
Statement of Objectives (SOO)

1. **Scope:** The Defense Finance and Accounting Service (DFAS) is developing a standard cash accountability system, Defense Cash Accountability System (DCAS), for all of Department of Defense (DoD).

The DCAS program is currently operating with a full Authority to Operate (ATO) security accreditation granted for DCAS Phase 1 release 00-02 on November 9, 2001. The accreditation is good for 3 years from this date. This Statement of Objectives (SOO) defines the goals that must be achieved to maintain full security accreditation for the DCAS program to support the deployment of subsequent phases as required by applicable DoD, national and DFAS guidance and regulations.

2. **Background:** DFAS was chartered by the Congress of the United States to provide finance and accounting services to a Customer base made up of the different DoD and non-DoD components. Since its inception in 1991, DFAS has performed its mission by relying solely on legacy computer systems that are unique to each of the branches of the Armed Forces. The financial reporting systems of the Air Force, the Army, the Navy, the Marine Corps, and other DoD Agencies are incompatible with one another. One consequence of this incompatibility is that the preparation of the consolidated DoD financial reports and key financial figures is very time consuming. DCAS represents a new class of systems that present standard protocol to process, report and analyze cash transactions uniformly among all of the military services. DCAS provides users with an automated tool that will yield increased processing efficiency, more timely reporting, and analysis of all cash transactions incurred by the Department of Defense (DoD). This will be accomplished by consolidating within DCAS, the financial cash accountability and U S Treasury reporting functions for all defense departments.

Upon completion, DCAS will greatly improve the timeliness, accuracy, and accessibility of transactions and reports to customers and stakeholders. DCAS is being developed and implemented in five phases. DCAS Phase 1, Cross-Disbursements, is complete. Phase 2, Treasury Reporting (Cleveland Network) is currently in parallel testing, and Phase 3, Elimination of the Financial Reporting System (FRS) and Reconciliation (Cleveland Network) is in the requirement definition stage. Phase 4 will field Treasury and Reconciliation to the Army and Department of Defense networks. Phase 5 will complete full implementation across DoD with Department of Air Force. Phases 4 and 5 will begin during the Option Year.

Although DCAS may be described as conceptually simple, it is complex in its specific environment. Specifically, DCAS:

- a. receives data from numerous sources which use numerous and varied file record layouts;
 - b. performs a wide variety of edits and validations, in part because of the diverse sources of data and in part because different type of transactions must be subject to different edits and validations;
 - c. accepts high volumes of transactions, necessitating transmission of large volumes of data;
 - d. requires maintaining reference tables for edit and validation which assures timely and accurately dissemination of data for reporting and further processing by other systems;
 - e. retains flexibility to accommodate changes in mission, organizations and functions; and
 - f. provides reports for the DCAS customers through web access.
3. **Environment Description:** Data processed by DCAS is considered to be sensitive but unclassified data. DCAS also processes data relevant to section 552a of Title 5, United States Code (The Privacy Act). The DCAS operates in a distributed computing environment.
- 3.1. **Operating Environment:** The DCAS operating environment includes the production system environment provided and controlled by the Defense Information Systems Agency (DISA) Defense Enterprise Computing Center (DECC) Ogden and each individual location where DCAS users are located. User locations include Continental United States (CONUS), Outside the Continental US (OCONUS), DFAS and Non DFAS activities.
- 3.2. **Development Environment:** The DCAS development/maintenance facility is the DFAS Technology Services Organization - Pensacola (TSO-PE) located at Saufley Field in Pensacola, Florida.
- 3.3. **Operational Environment:** The DCAS system is implemented in a Client/server architecture with a web interface. The languages used build this architecture are Java, C++, Powerbuilder, and Oracle PL/SQL. The DCAS Operational Architecture is depicted in Figure 1.

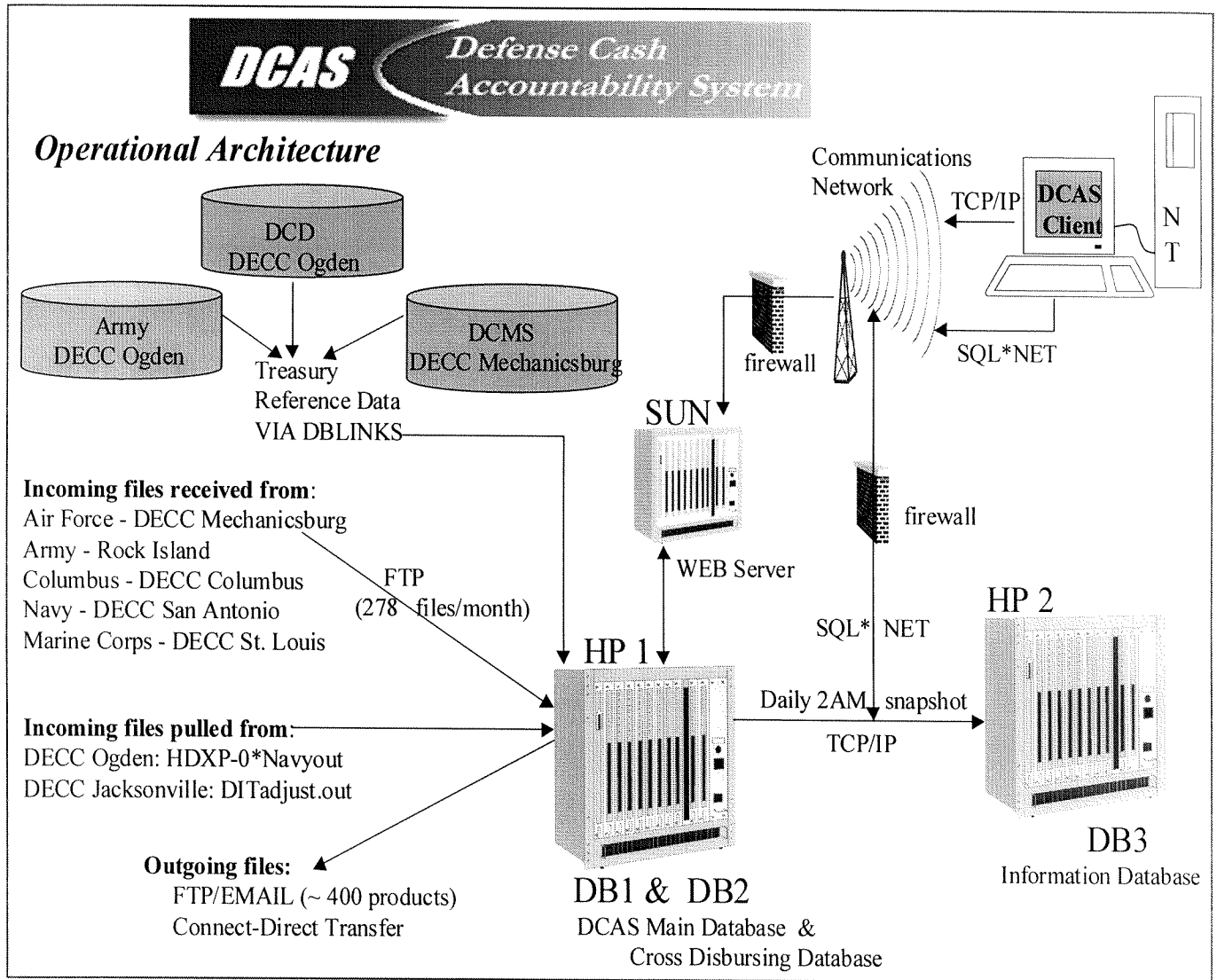


Figure 1. DCAS Operational Architecture

4. System Architecture Description:

4.1. Hardware:

4.1.1. **Client Hardware:** Hardware in support of end users running Windows NT includes the following minimum configuration requirements.

- a. Pentium 200Mhz processor.
- b. 32MB of RAM.
- c. 100MB of available disk space.
- d. CD-ROM drive.
- e. 3.5" diskette drive.

4.1.2. **Server Hardware:** The production hardware consists of two Mid-tier HP 9000s running the HP/UX operating system and one Sun web server. There is also one HP 9000 used for the testing environment.

4.2. Software:

4.2.1. **Client Software:** The DCAS application is designed to operate with Windows NT. Table 1 lists the minimum suite of software required on each client personal computer running DCAS.

Product Name	Product Manufacturer	Product Function
Windows	Microsoft	Operating System
SQL*NET	Oracle	Allows applications written using the Oracle Call Interface (OCI), PL/SQL, or Developer/2000 to directly access and manage data in an ORACLE database
Impromptu	COGNOS	Data Query and Reporting Tool
DCAS Client		

Table 1. Client Software

4.2.2. **Server Software:** Table 2 lists the suite of software needed to run on the DCAS host computer at the production facility in DECC Ogden.

Product Name	Product Manufacturer	Product Function
Oracle9i Enterprise Edition	Oracle	Relational Database Management System
Oracle9i Application Server	Oracle	Web server
SQL*PLUS	Oracle	Command interpreter
Import	Oracle	Utility that extracts data from an export file and transfers it to an Oracle database
Export	Oracle	Utility that extracts all the contents of an Oracle database in a machine independent format into one export file

Table 2. Server Software

5. **System Interfaces:** DCAS high level interfaces are depicted in figure 2.

5.1. **External Connections:** There are a number of entities that DCAS must interface or be compatible with for data exchange. External interfaces are documented in Memorandums of Agreement (MOA's).

5.2. **Standard Architecture Interfaces:** DCAS interfaces with the following standard applications:

5.2.1. **BACC:** The BACC has been designated as the standard coding structure for accounting transactions with DoD. To facilitate standardization of data needed to perform financial functions not authorized under the BACC guidelines, DCAS will employ BACC- Program Specific Elements (BACC-PSE). The BACC-PSE will change as new or modified systems requirements are identified.

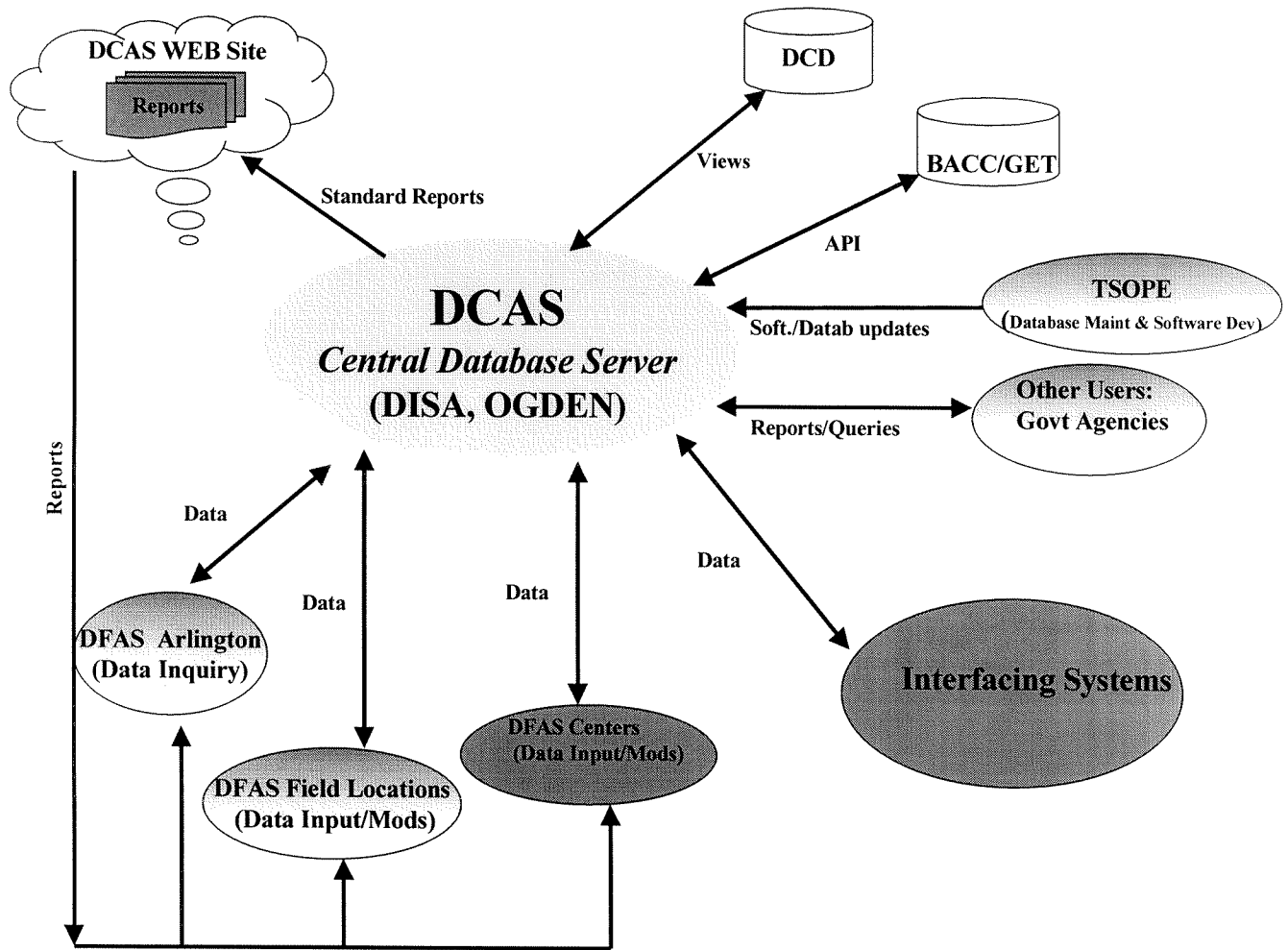


Figure 2. DCAS High Level System Interfaces

5.2.2. **Global Edit Table:** The GET is a set of tables that will define which fiscal codes are valid within the context of interrelationships with other accounting elements.

5.2.3. **DFAS Corporate Database (DCD):** The DCD plays an integral role in the DCAS system design. This DFAS product will provide a DFAS shared database for the DCAS, GET, and other ongoing DFAS efforts.

6.1 **Objectives:** The offeror has complete flexibility to present tradeoffs in maintaining DCAS' security certification and accreditation during remaining development phases, meeting the following objectives:

- a. Documented approved DCAS security requirements
- b. Validation of DCAS system security.
- c. DCAS Approval to Operate (ATO)
- d. DCAS security conscious users.
- e. DCAS Management awareness of status and scheduling of deliverables, program costs, issues, concerns, meeting results, past and future tasks.
- f. A Management Plan, developed within 15 working days of the contract start date, that includes a Plan of Action and Milestones (POA&M), and is based on the DCAS Phase 3 schedule in coordination with the DCAS PMO
- g. A manual that documents the security features of the DCAS system.

These objectives include contractor participation in Test Integrated Product Team (TIPT) and Requirement IPT (RIPT) meetings, where representatives of all affected disciplines of the program are present to provide input and comments. Refer to Performance-Based Matrix (Attachment 2) for the required services, performance standards, monitoring methods, and incentives applicable to each of these objectives.

7. **Government Furnished Equipment:** The Government will provide the contractor access to personnel and documentation required for performance of deliverables. The government will provide use of adequate space to include supporting items such as desks, phone service, office supplies, and associated equipment at DFAS_HQ and other DFAS locations where DCAS certification and accreditation activities may occur.

8. **Security Requirements and Privacy Act Requirements:**

All work-performed relative to the taskings identified in the SOO are unclassified or carry a Privacy Act Classification. System security shall be in accordance with DoD Directive 8500.1, Information Assurance.

Security Investigation Requirements: No classified work will be required. However, the contractor will be working with sensitive information which is covered by the Privacy Act and which is category ADP/AIS II. Contractor must ensure sensitive (privacy act) information is properly safeguarded at the work-site and not removed from the work site. Also, the contractor will be required to comply with the security requirements associated with access to the DFAS enterprise network. This requires individuals who perform duties at the ADP/AIS II category to have a favorable determination of requisite investigation IAW the specifications of the DoD Personnel Security Program as provided for in the DoD 5200.2-R. If declared, the contractor may be requested to undergo a higher level of investigation. The NAC includes the following:

- Standard Form 85P - Questionnaire for Public Trust Positions
- FD 258 - Finger Print Card

All contractor personnel requiring access to the DFAS systems will complete a National Agency Check (NAC). The SF 85P will be completed using the Electronic Personnel Security Questionnaire (EPSQ). EPSQs are available for downloading on the Defense Security Service (DSS) Web Site at www.dss.mil/epsq. Completed EPSQs, to include a copy on a disk and a signed hard copy, will be provided to the Contract Officer's Representative (COR) or Government Point Of Contact (GPOC) elsewhere named in this award. All 85Ps must be accompanied with a copy of the contractor's birth certificate for citizenship verification. Foreign Nationals must submit appropriate documentation from the Immigration and Naturalization Service (INS). Employment of non-US citizens requires a fully completed and favorably adjudicated background investigation prior to beginning DFAS work. The COR/GPOC will notify the contractor when contractor employees have been approved for access to the facility. The NACs should be completed before the contractor employee begins work. However, on an exception basis and if an emergency situation exists, a US citizen contractor employee may begin once the NAC has been reviewed, initiated, and there is no derogatory information and the COR/GPOC obtains contractor badges. Those US citizen contractors needed to begin work prior to receipt of a favorable NAC must have a waiver of pre-appointment investigative requirements approved by the proponent Business Line Executive, Client Executive, or Corporate Director. All contractor employees must receive a favorable NAC. Unfavorable NAC findings will require individual determinations by the DFAS-CO security office prior to allowing contractor employee access to the facility.

9. **Travel:** Travel to DFAS Headquarters, the development and production facilities, and DFAS Centers will be required under this contract, approximately 5-10% of the time. All travel must be pre-approved by the DCAS Program Manager or designee. All travel will be provided at the convenience of the Government and in accordance with DoD Joint Travel Regulations. All travel is cost reimbursable.
10. **Documentation:** All documentation should be prepared according to current DFAS and DoD standards. Documents will be provided in hard copy and soft copy. Mechanized deliverables must be compatible with DFAS standard software packages. Two hard and soft copies of each deliverable shall be provided. DFAS retains all data rights to the products delivered and/or presented during the performance of this contract.

All security deliverables and services must be in compliance with DFAS 8000.1-R, DoD 8510.1-M, DITSCAP standards and all other relevant current DoD, national and DFAS regulations unless otherwise directed. All deliverables provided under this tasking become the property of the US Government.

11. **Inspection and Acceptance Criteria:** All deliverables shall be presented to the DCAS Program Manager or designee for review and approval in accordance with the Quality Assurance Plan. All work undertaken in conjunction with this SOO is the property of the US Government.
12. **Performance Standards:** The Government reserves the right to modify performance standards and/or metrics during the life of this contract, in order to ensure the right outcomes are being assessed and that the performance standards are appropriate. Any changes will be accomplished via a bilateral contract modification.
13. **Key Personnel:** The DCAS Program Manager shall approve all key personnel at time of proposal. Resumes must be provided for all proposed key personnel. The DCAS PM shall have approval authority for any proposed replacements of key personnel during period of performance. The DCAS PM shall have the right of substitution for all personnel assigned to the contract.